

ABSTRACT

Described are RF tracking system and method. The RF system may include a shell for holding a plurality of containers which store a material that interferes with RF communications. The shell includes a bottom container supporting surface and a plurality of leg extensions attached thereto; the shell extends away from the bottom surface. The tracking system also includes at least one RF tag attached to a first one of the leg extensions. The tag has a memory arrangement storing data relating to at least one of an identity of the shell, an identity of the containers held in the shell and a material stored in the containers. Furthermore, the tracking system includes at least one RF scanner communicating with the tag to collect the data and a computing arrangement which includes a database and communicating with the scanner to update the database as a function of the collected data. The tag is situated at a predetermined distance away from the containers held in the shell to overcome an electromagnetic dampening effect of the material.